

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8580 (1977): Supplier's data sheet for vibrating screens
[MED 17: Chemical Engineering Plants and Related Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

SUPPLIER'S DATA SHEET FOR
VIBRATING SCREENS

1. Scope — Covers the technical data to be supplied by a manufacturer or a supplier of a vibrating screen to a purchaser.

2. Supplier's Data Sheet

SUPPLIER'S DATA SHEET FOR VIBRATING SCREENS

- 1) Name of the manufacturer.....
- 2) Model.....
- Vibrating Screen**
- 3) Power absorbed (shaft):
 - a) Rating.....kW
 - b) Maximum capacity.....kW
- 4) Feed rate.....kg/h
- 5) Method of feed.....
- 6) Discharge :
 - a) Method of discharge.....
 - b) Product sizes:
 - i)mm tomm
 - ii)mm tomm
 - iii)mm tomm
 - c) Rate.....kg/h
- 7) Screen:
 - a) Horizontal/inclined.....
 - b) Multideck/separate screens.....
 - c) Angle of inclination, if inclined.....
 - d) Provision of changing angle of inclination (Yes/No).....
 - e) Whether screen hanging type or foot mounted.....
 - f) Vertical acceleration, if horizontal screen.....
 - g) Amplitude and frequency of vibration.....
 - h) Type of action.....
- 8) Screening plate:
 - a) Type (wire screen cloth/punched plate).....
 - b) Material.....
 - c) Screen opening.....mm
 - d) Thickness.....mm
- 9) Bearings:
 - a) Type.....
 - b) Lubricant.....
 - c) Mode of lubricant sealing.....
- 10) Method of support.....
- 11) Space requirements:
 - a) Length.....m
 - b) Breadth.....m
 - c) Height.....m

Note — General arrangement drawing showing salient dimensions should be provided.

- 12) Load details:
 - a) Approximate mass of the equipment.....kg
 - b) Dynamic load details.....
 - c) Extent of vibration that would be transmitted to the floor or structure on which screen is mounted.....

(Continued)

SUPPLIER'S DATA SHEET FOR VIBRATING SCREENS — Contd

13) Type of drive (petrol/diesel engine, electric motor, line shaft).....

14) Line shaft:

a) Diameter.....mm b) Speed.....rev/min

Motor Data

15) Manufacturer.....

16) Type of motor.....

17) Type of enclosure.....

18) Electric supply :

a) Volts.....

b) Phase.....

c) Hertz.....

d) Direct current.....volts

19) Power.....kW

20) Speed.....rev/min

21) Starting torque.....percent of full load

22) Power factor (required only above 18 kW):

a) Half load..... b) 3/4 load.....

c) Full load.....

23) Motor efficiency:

a) Half load..... b) 3/4 load.....

c) Full load.....

Petrol/Diesel Engine Data

24) Manufacturer.....

25) Output.....kW

26) Speed.....rev/min

27) Starting torque.....percent of full load

28) Fuel.....

29) Fuel consumption.....kg/h

Other Data

30) Driven shaft:

a) Extension.....mm b) Diameter and limits.....mm

31) Type of coupling.....

32) Reduction gear:

a) Size..... b) Reduction ratio.....

c) Type..... d) Manufacturer.....

33) Special safety precautions.....

34) Specification of belt drive, if provided.....

Remarks

35) Special features, if any.....

EXPLANATORY NOTE

The information given by a manufacturer or a supplier according to the above data sheet, will enable a purchaser to evaluate the product before he finally decides to purchase a particular brand or type.